

IAP10 Rec'd PCT/PTO 21 NOV 2005

10/529225

CUSTOMER NO. 22,852

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE  
(DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY DOCKET NUMBER  
05788.0348U.S. APPLICATION NO. (If known, see 37 CFR 1.5)  
108/529,223INTERNATIONAL APPLICATION NO.  
PCT/EP02/10896INTERNATIONAL FILING DATE  
September 27, 2002

PRIORITY DATE CLAIMED

TITLE OF INVENTION  
INTEGRATED OPTICAL DEVICE

APPLICANT(S) FOR DO/EO/US

Giacomo GORNI, Marco ROMAGNOLI, Riccardo TEDIOSI, Daniele FACCIO

Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c)(2)).
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed with the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)).
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11.  Information Disclosure Statement under 37 CFR 1.97 and 1.98
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A Substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154 (d)(4).
19.  A second copy of the English language translation of the international application 35 U.S.C. 154 (d)(4).
20.  Other items or information:
  - a.  Copy of cover page of International Publication No.
  - b.  Copy of Notification of Missing Requirements.
  - c.  Request for Extension of Time for one month and fee in the amount of \$120.00
  - d.
  - e.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/529,223	INTERNATIONAL APPLICATION NO. PCT/EP02/10896	ATTORNEY'S DOCKET NUMBER 05788.0348	
The following fees have been submitted:		CALCULATIONS PTO Use Only	
21. <input type="checkbox"/> BASIC NATIONAL FEE (37 CFR 1.492(a)): ..... \$300.00		\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the Written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200		\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500			
TOTAL of 21, 22 and 23 =			
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	
- 100 =	/50 =	x \$250.00	
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total Claims	- 20 =		x \$50.00
Independent Claims	-3 =		x \$200.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+\$360.00
		TOTAL OF ABOVE CALCULATIONS = \$130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		\$	
		SUBTOTAL = \$130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest priority date (37 CFR 1.492(i)).		\$	
		TOTAL NATIONAL FEE = \$130.00	
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.		\$	
<del>J ATRAN1 0000049 10529223</del>		TOTAL FEES ENCLOSED = \$130.00	
		Amount to be refunded:	\$
		charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ 130.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0916. A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.			
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.			
SEND ALL CORRESPONDENCE TO: Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. 901 New York Avenue, N.W. Washington, DC 20001-4413			
11/28/2005 ATRAN1 0000049 10529223 01 EC:1617 SIGNATURE Ernest F. Chapman Reg. No. 25,961 NAME/REGISTRATION NUMBER			
DATED: November 21, 2005			

Customer Number 22,852  
Attorney Docket No. 05788.0348

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Giacomo GORNI et al. ) Group Art Unit:  
Application No.: 10/529,223 ) Examiner:  
Filed: March 25, 2005 ) Confirmation No.: 2032  
For: INTEGRATED OPTICAL DEVICE )

**U.S. National Phase of International Application No. PCT/EP02/10896**

**MAIL STOP PCT**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, VA 22313-1450**

**REQUEST FOR EXTENSION OF TIME**  
**TO RESPOND TO NOTIFICATION OF MISSING REQUIREMENTS**

Sir:

Applicants hereby petition for a one (1) month extension of time to respond to the Notification of Missing Requirements dated August 25, 2005.

A check in the amount of \$120.00 is enclosed.

This amount represents the extension fee for filing the Response To Notification of Missing Requirements within 1 month following the expiration of the due date.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

11/28/2005 ATRAN1 00000050 10529223  
01 FC:1251 120.00 0P

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: November 21, 2005

By:   
Ernest F. Chapman  
Reg. No. 25,961



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/529,223	Giacomo Gomi	05788.0348
INTERNATIONAL APPLICATION NO.		
PCT/EP02/10896		
22852	I.A. FILING DATE	PRIORITY DATE
FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP 901 NEW YORK AVENUE, NW WASHINGTON, DC 20001-4413	09/27/2002	
<b>CONFIRMATION NO. 2032</b> <b>371 FORMALITIES LETTER</b> <b>*OC000000016794399*</b> <b>*OC000000016794399*</b>		

Date Mailed: 08/25/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 03/25/2005
- Copy of the International Search Report filed on 03/25/2005
- Preliminary Amendments filed on 03/25/2005
- Information Disclosure Statements filed on 03/25/2005
- U.S. Basic National Fees filed on 03/25/2005

AUG 29 2005

RECEIVED  
U.S. PATENT AND TRADEMARK OFFICE  
JULY 1 2005  
FINNEGAN, HENDERSON,  
GARRETT & DUNNER, LLP

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.16(f) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION,**

**WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

INDIA L EVANS

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Telephone: (703) 308-9140 EXT 212

**PART 1 - ATTORNEY/APPLICANT COPY**

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U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/529,223	PCT/EP02/10896	05788.0348

FORM PCT/DO/EO/905 (371 Formalities Notice)